

Material Data Sheet

Item: Glass Polyester Laminate, Grade CBC-C & CBC-NBC

Description: CBC-C is semi-conductive, and CBC-NBC is both semi-conductive and optically reflective. These materials are high strength and offer excellent resistance to chemicals that exist in soldering applications. The products were designed to perform long term in high-temperature applications. The materials high-strength, rigid composite can solve placement issues that can occur in surface mount assembly.

Availability: **Laminate Sheets:** Thickness: .118" - .473"
Sheet Sizes: 39 1/2 x 79"

Fabricated Parts: The Gund Company custom fabricates insulation materials to the exact specifications and drawings of our customers.

Typical Properties:	CBC-C	CBC-NBC
Color	Black	Gray
Density	1.75	1.84
Barcol Hardness	65	65
Water Absorption (%)	<0.2	<0.2
Flexural Strength (PSI)	55,000	45,000
Modules in Flexure (PSI)	2.8	2.8
Izod Impact Strength (ft.lbs. / in.)	15	15
Thermal Conductivity (btu/hr/ft ² /in ^o F)	2.0	2.0
Surface Resistivity (Ohms /square)	10 ⁶ -10 ⁸	10 ⁶ -10 ⁸
Surface Operating Temperature	300°C	300°C